

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IT2005/000081

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K9/16 A61K47/34 A61K31/205 A61K9/70

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data, PAJ, MEDLINE, CHEM ABS Data, PASCAL

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	PITARRESI G ET AL: "Drug release from alpha,beta-poly(N-2-hydroxyethyl)-DL-aspar- tamide-based microparticles" BIOMATERIALS, vol. 25, no. 18, August 2004 (2004-08), pages 4333-4343, XP004497095 ISSN: 0142-9612 the whole document	1-19
P,X	MANDRACCHIA DELIA ET AL: "PH-Sensitive hydrogel based on a novel photocross-linkable copolymer" BIOMACROMOLECULES, vol. 5, no. 5, September 2004 (2004-09), pages 1973-1982, XP002331189 ISSN: 1525-7797 cited in the application the whole document	1-19

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "Z" document member of the same patent family

Date of the actual completion of the international search

15 June 2005

Date of mailing of the international search report

28/06/2005

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PCT/IT2005/000081

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 071 508 A (STECKLER ET AL) 31 January 1978 (1978-01-31) abstract column 2, lines 43-47 column 2, line 59 - column 3, line 5 column 9, lines 7-9	1,2,6-9, 15,16
X	US 6 458 386 B1 (SCHACHT ETIENNE ET AL) 1 October 2002 (2002-10-01) abstract column 1, lines 9-21 column 7, lines 1-16,26,27 column 7, line 51 - column 8, line 25 column 10, lines 37-59 example 1	1,2, 6-10,15, 16
X	WO 00/45792 A (POWDERJECT RESEARCH LIMITED; BURKOTH, TERRY, LEE; O'CONNOR, BARBARA, H) 10 August 2000 (2000-08-10) abstract page 3, lines 10-17 page 9, lines 15-20 page 10, line 26 - page 11, line 15 page 11, line 29 - page 12, line 7	1,2, 6-11, 15-17,19
X	US 2003/152623 A1 (BROMBERG LEV E ET AL) 14 August 2003 (2003-08-14) abstract paragraphs '0014!, '0016! - '0019! paragraphs '0050! - '0052! paragraphs '0079! - '0085! paragraphs '0127!, '0130! claims	1,2, 5-11, 14-17,19
A	GIAMMONA G ET AL: "Glycidyl methacrylate derivatization of alpha,beta-poly(N-hydroxyethyl- 1)-dl-aspartamide and alpha,beta-polyasparthydrazide" POLYMER, ELSEVIER SCIENCE PUBLISHERS B.V, GB, vol. 38, no. 13, June 1997 (1997-06), pages 3315-3323, XP004064983 ISSN: 0032-3861 the whole document	1-19

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>GIAMMONA G ET AL: "New biodegradable hydrogels based on a photocrosslinkable modified polyaspartamide: synthesis and characterization" BBA - GENERAL SUBJECTS, ELSEVIER SCIENCE PUBLISHERS, NL, vol. 1428, no. 1, 28 June 1999 (1999-06-28), pages 29-38, XP004276327 ISSN: 0304-4165 the whole document -----</p>	1-19

INTERNATIONAL SEARCH REPORT

information on patent family members

International Application No
PCT/IT2005/000081

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4071508	A	31-01-1978	NONE
US 6458386	B1	01-10-2002	AT 295189 T 15-05-2005 AU 736784 B2 02-08-2001 AU 8110198 A 21-12-1998 CA 2290806 A1 10-12-1998 WO 9855161 A1 10-12-1998 EP 0986408 A1 22-03-2000 JP 3602145 B2 15-12-2004 JP 2002506431 T 26-02-2002
WO 0045792	A	10-08-2000	AU 780397 B2 17-03-2005 AU 2309200 A 25-08-2000 BR 0007974 A 30-10-2001 CA 2361555 A1 10-08-2000 CN 1345232 A 17-04-2002 EP 1146861 A1 24-10-2001 WO 0045792 A1 10-08-2000 JP 2002536317 T 29-10-2002 NZ 513538 A 27-02-2004 US 2002061336 A1 23-05-2002
US 2003152623	A1	14-08-2003	CA 2474711 A1 07-08-2003 EP 1478403 A1 24-11-2004 WO 03063909 A1 07-08-2003